ABSTRACT OF THE DISCLOSURE

A continuously variable transmission apparatus having input and output shafts, a toroidal-type continuously variable transmission unit (CVT unit), a gear-type differential unit with gears, and a control unit, the CVT unit has; input and output side disks, power rollers, input and output side rotation sensors, wherein the differential unit has; a first input portion and a second input portion, and wherein the control unit regulates the transmission ratio of the CVT unit so as to change relative displacement speeds of the gears of the differential unit to thereby convert the rotational state of the output shaft to forward and backward rotations with a stationary state being interposed therebetween, with the input shaft being kept rotating in one direction, and to calculate a rotational speed of the output shaft based on rotational speeds of the input and output side disks and a gear ratio of the differential unit.